

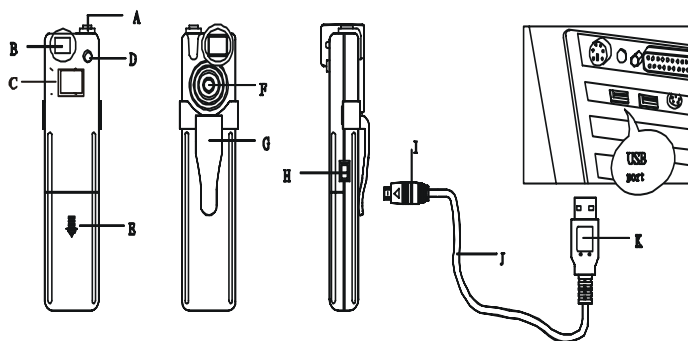
Introduction

Thank you for your purchase of our digital camera. This unit can be used as a web cam (camera to use to chat over the Internet) it can also be used as a low resolution digital camera. This camera is equipped with a 16MB built-in ROM, therefore you are able to use it to take up to 152 low resolution photos under QCIF mode and high compression. Although the clarity may not be flawless, the Digital Camera quality is of the best for the price point.

Please note that in order to speak with friends and colleagues over the Internet, you will need a PC headset and microphone. Any standard PC headset will operate with this digital camera and is available at your local computer retailer.

Package Contents:

- Digital Camera
- Users Manual
- Software CD
- USB Connector Cable
- Base



- A. Shutter button
- B. View finder
- C. LCD Display
- D. Select button
- E. Battery cover
- F. Lens
- G. Clip
- H. USB socket
- I. USB plug(MINI-TYPE)
- J. USB cable
- K. USB plug(A-TYPE)

Replacing the Batteries

When the battery power is low press the shutter button and you will hear a beeping sound. The battery compartment is located at the lower part of the back of camera, and you must use two AAA batteries. If you want to replace the batteries, please make sure to download any photos that may be in the memory of the camera, as they will be lost when the batteries are removed.

1. Open the battery compartment.
 2. Load the batteries correctly (please check that the batteries are placed inside with the proper polarity).
 3. Close the battery box cover.
- If you do not use this camera for quite a long period, please take out of the batteries to avoid the discharging or corrosion of the batteries.
 - Please do not put the batteries into a fire to avoid explosion subsequent injury to you or others around you.
 - Please do not use rechargeable batteries and do not mix-use new batteries and used batteries in the same compartment.

Auto Energy-Save Mode

In order to conserve battery power, if the camera is not used within 30 seconds after powering on, the camera will automatically enter into energy saving mode. This will prolong the life of the batteries. To wake up the camera from the energy saving mode, simply press the Select button.

IMPORTANT NOTE: TO ACHIEVE THE BEST CLARITY, MAKE CERTAIN THAT THE DISTANCE BETWEEN THE CAMERA AND THE SUBJECT IS 5 FEET.

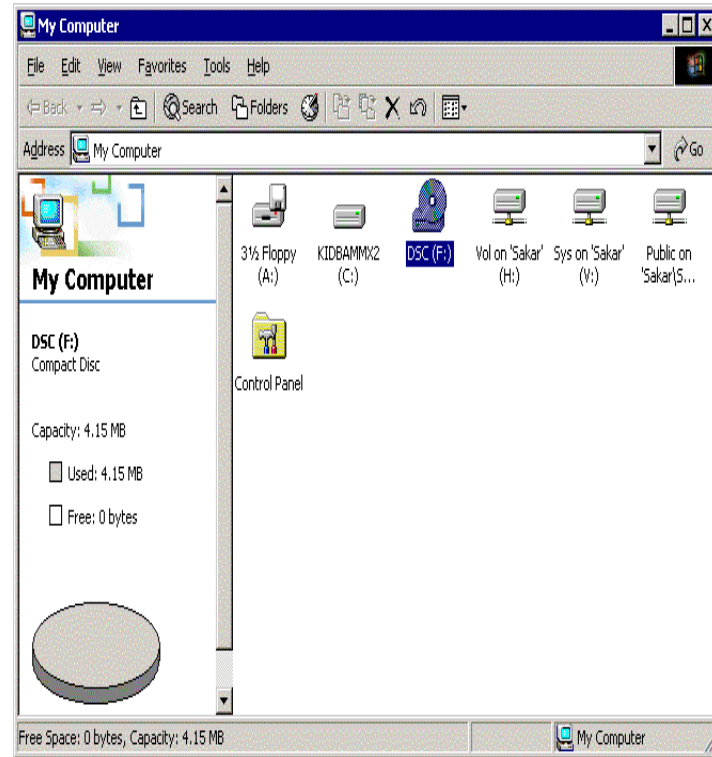
Installation of CD-10 Software

IMPORTANT: Before attempting to install the software, make sure that you do not have the camera or the USB cable attached to your computer. This will affect the install process and can cause a failed installation of the camera software and drivers.

SECTION ONE-INSTALLATION

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- Double click on this icon.



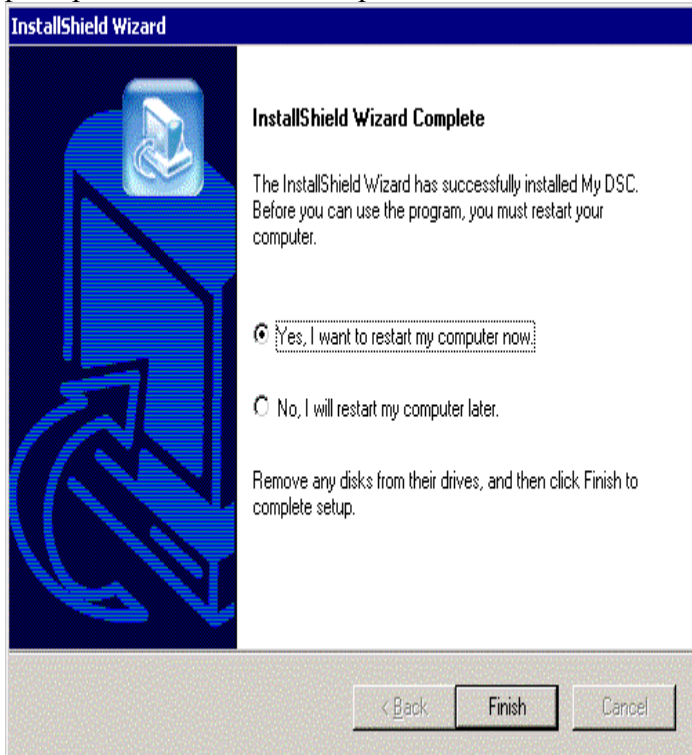
- For Windows 2000 and Windows XP Users Only:** When installing, you may see an alert that the driver is not digitally signed by Microsoft Corporation. The alert will prompt you to either cancel or continue with the installation. Ignore this warning and continue with the installation.

5. The installation setup will prompt you to choose a language. Choose the listing **English** (default choice)



6. The installation will guide you through a series of steps. Follow the on screen instructions.

7. Once the program has fully installed you will be prompted to restart the computer.



8. Once the computer has fully restarted plug one end of the cable into the camera and the other end into a USB port on the computer.
9. Windows will find the camera on the computer and install the proper drivers for it. Please be patient as the time this takes varies from computer to computer.
10. Unplug the cable from the camera.
11. Run a test download on the camera, by taking a test photo to make sure that the drivers are properly installed.

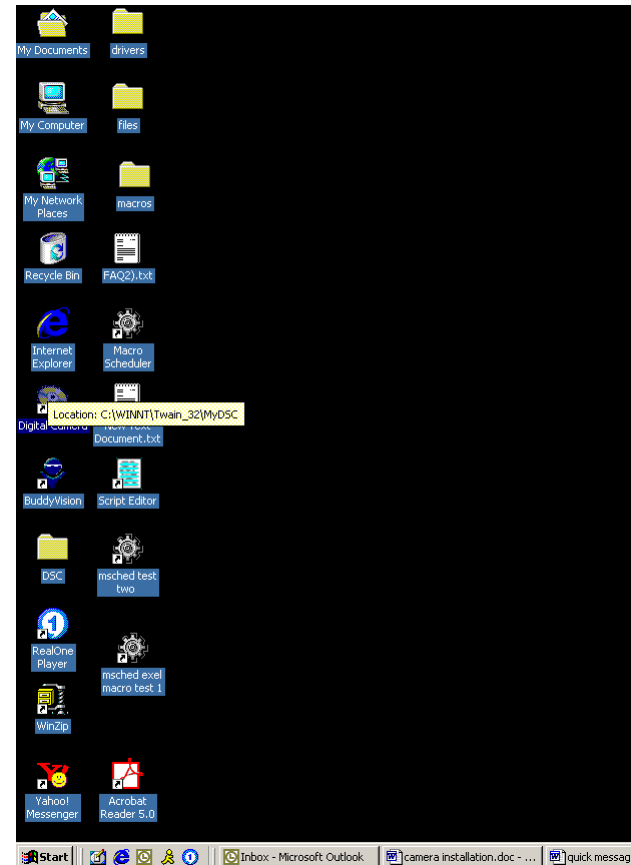
Taking a Test Photo:

Press the menu button once.

- i. The camera will flash the letter “hi” followed by the number “19”
- ii. Once you see this you may press the shutter button on the top side of the camera to the right of the view finder.
- iii. The camera will beep and the number will decrease by one to let

you know that a picture has been taken.

- b. Now plug the cable back into the camera.
- c. Click on the **Digital Camera** icon. It will look like a CD icon that is on your main window.



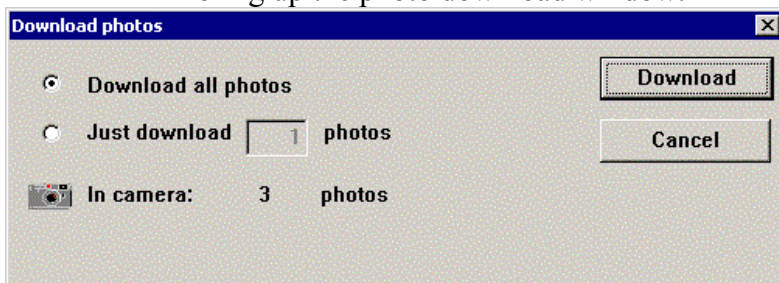
- d. A small window will open called Digital Camera.



- e. Select the Photo Download program.
- f. This will open up your download manager.



- g. In the bottom left hand corner of the download manager you will see an icon shaped like a camera. Click on this icon to bring up the photo download window.



- h. Click the download button. To begin the camera download.



- i. The pictures will appear in the gray boxes of the download manager. Use the icon shaped like a computer disk to save them to your computer.

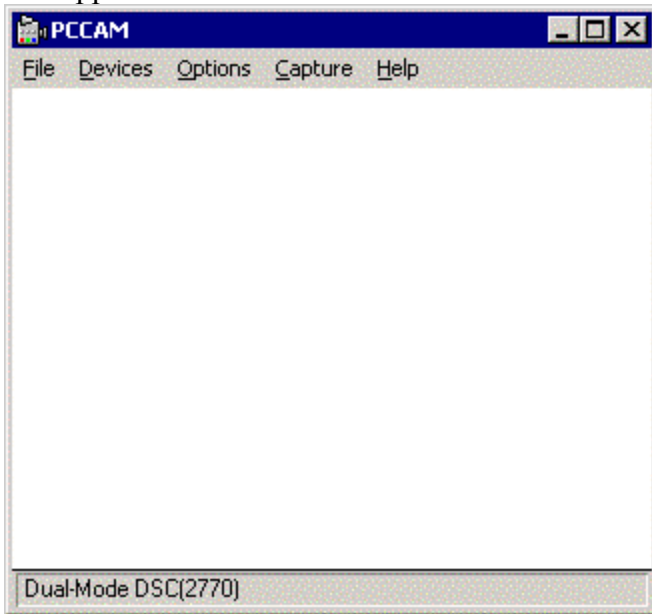
SECTION TWO-CAPTURING AVI

Now that you have your camera installed you can use it to capture short movies called AVI files. You can record up to 8 seconds of an AVI with the camera not connected to the computer and a much longer AVI file while the computer is connected to your PC. (The length of time you can record an AVI while the camera is connected to your computer will vary, depending on how much hard drive space you will use to save the file. Please take note that these AVI files take up a lot of hard drive space.) This is done through the **Digital Camera** program. This next section will walk you through capturing and playing an AVI file.

1. Open the **Digital Camera Program** from your main window. You should come to the main program window. Select the program called AVI MANAGER.

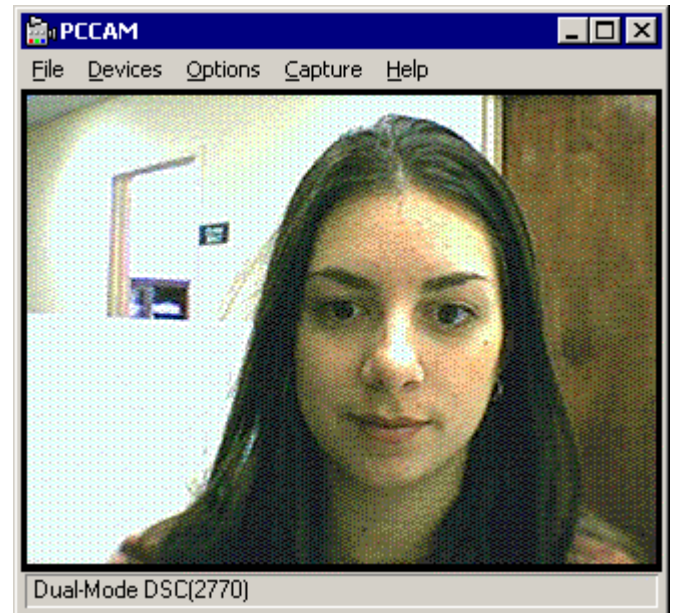


2. Once you have selected this you a preview window will appear.

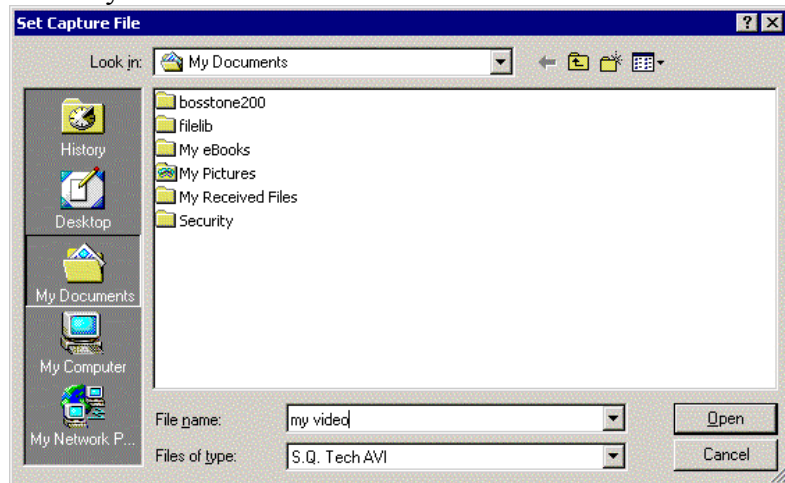


3. Select the **“options”** file listing and then select the choice **“preview”** and you will see the video start to

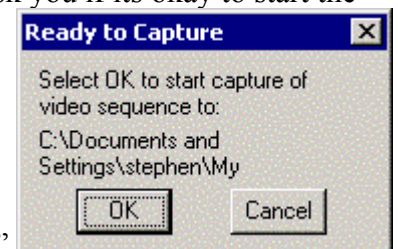
stream in the box.



4. To start the capture of the AVI select the listing called **“capture”** and select the choice **“start capture”**. This will open a window that allows you to name the AVI as well as choose the location that you want it saved in.

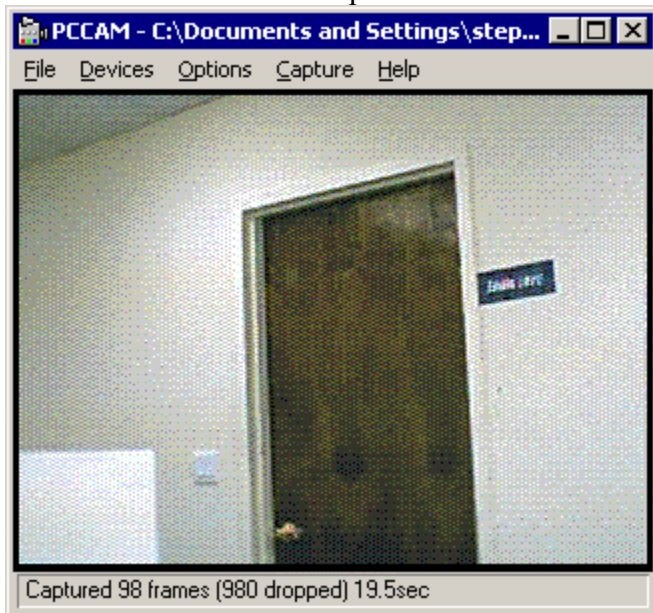


5. The program will ask you if its okay to start the

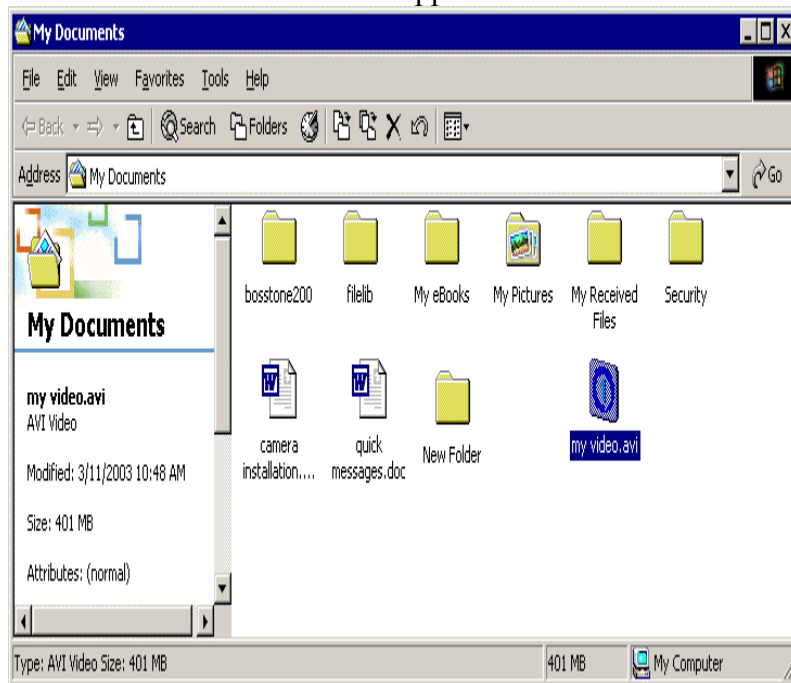


capture, press **“OK”**

- the camera will start the capture



- Once the camera has stopped the file will be saved.



- To play back the AVI file, simply double click on your file name.

SECTION THREE – USING CAMERA AS A WEB CAM

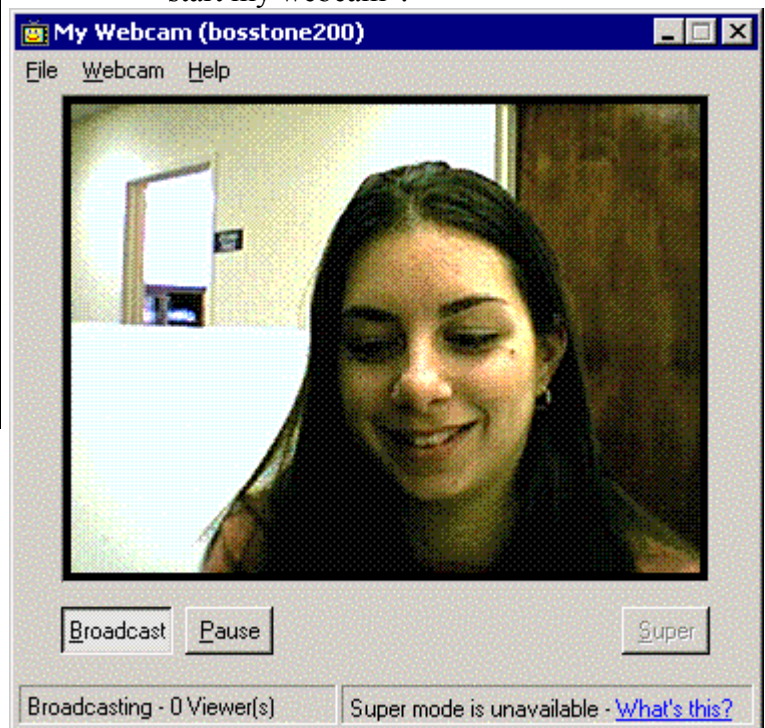
You can use this camera as a webcam to chat with friends and family, sending live video feeds straight to them.

NOTE: In order to use this camera you must make sure that you have **YAHOO MESSENGER Ver 5.5 or later.**

- Start Yahoo messenger.



- Select the "tools" listing on the top of the toolbar. Go to the drop down menu and select the listing for "start my webcam".



- You will see a window appear with your video that you are playing. Now people who have your Yahoo login name will be able to see your video.

Taking Photos on the Go:

Please be sure that the batteries are functional prior to you using this camera to take digital photos. If you want to take photos:

1. Press the Select button to open the camera and the LCD at the back of the camera will activate. The LCD display will show the status of resolution for 3 seconds and then show the number of photos you can take before having to download them to your PC.
2. Find the image you would like to shoot and center the image in the viewfinder.
3. Hold the camera steadily, and press the shutter button to take photos; (For optimum quality, please make sure the subject is 5 feet from the camera lens.)
4. When you hear the buzzer beep once, (which indicates that you have already taken a photo), you can continue taking other photos;
5. When the digital camera is at full capacity, the LCD display will show “0” photos you can take. Press the Shutter button once again and the buzzer will ring out twice. You can not take any photos at this time. Please download the photo to the PC. Alternatively, you can use the select button to select “” (to delete all of the photos in the camera's memory) or “” (to delete the last photo taken) in order to be able to continue using the camera.

Note: When taking photos, the louder sound indicates a successful photo shot and a low sounding beep will indicate the last photo taken was not taken properly.

Wake Up the Camera

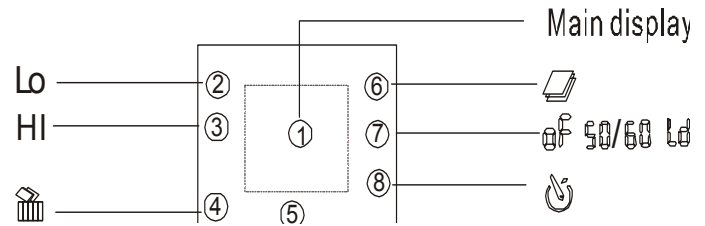
If the digital camera is in the energy saving mode, please press Select button once to take the camera out of energy saving mode to use the camera.

Functions Shown on the LCD Display

Note: When you open the camera, the LCD display will show the resolution status (Hi/Lo) for 3 seconds and then show out the rest of photos you may take.

Note: If you do not press any button within 5 seconds when selecting the functions by Select Button, the LCD display

will jump back to the counter to advise you how many photos there are left for you to take.



Press the Select button to select the functions of the digital camera. The function diagram will show on the LCD display on the back of the digital camera. As follows:

-  – Power off the camera.
-  – Auto shoot
-  – Continuous shoot.
-  – Delete all photos in the memory
-  – Delete one photo
- **Mode** – Hi means CIF mode (100k pixels resolution). Lo means QCIF mode (25K pixels resolution).
- **“50” or “60”** – “50” or “60” to select the frequency of light used indoors. “50” means 50Hz and “60” means 60Hz.
- **“Hd” or “Ld”** – It is a photo compression ratio selection. “Hd” Means high compression and “Ld” means low compression. Higher compression ratio means you may store more photos.

Power Off the Camera

Press the Select button to select the “” shown on the LCD display. Press the Shutter button within 5 seconds to power off the camera.

Auto-Shoot Mode

1. Press the Select button to select “” shown on the LCD display.
2. Press the Shutter button within 5 seconds to activate the 10 second timer. The digital camera will beep once every second.
3. After 10 seconds, the camera will beep twice indicate that the photos has been taken.

Continuous Shoot Mode

1. Press the Select button to select” ” shown on the LCD display.
2. Press the Shutter button within 5 seconds to activate the continuous shooting mode and do not release the Shutter Button until you want to stop shooting. The camera will beep once for each photo taken till the Shutter button released or the memory is full.
3. Under the continuous shooting mode, the photos are taken in QCIF mode and saved as a video format.
4. Under the continuous mode photo shooting, the shooting may fail due to poor lighting. If so the continuous shooting will stop.

Note: The photos taken by continuous mode will be saved as an AVI format in the appointed place. You may open it directly from the photo download software.

Delete All Photos

Press the Select button to select the ”” icon shown on the LCD display. Press the Shutter button the photo counter will flash. Press the Shutter Button again within 5 seconds will delete all the photos stored in the memory.

Delete Single Photo

Press the Select button to select” ” shown on the LCD display. Press the Shutter button once within 5 seconds to delete the last photos.

Photo Resolution Selection

Note: The resolution status will always show on the LCD display in small character.

1. Press the Select button to select **Mode** shown on the LCD display.
2. HI means CIF mode of 100K resolution and LO means QCIF mode of 25K resolution.
3. When you select Mode function, the choice will show on the left of LCD display in small character. Press the Shutter Button to make change and the rest of photos you may take will change upon this change.
Trick: When you are in Hi resolution mode and you get into the resolution selection mode, the left of LCD

display will show “Lo” in small character for you to select. If you do not press any button within 5 seconds, the LCD display will jump back to show present resolution status and the rest of the photos you may take.

Fluorescent Lamp Frequency Selection

Press the Selection button to select “ 50” or “60” shown on the LCD display. When you move the icon from the LCD display, there is a big character shown 50 or 60 on the LCD display. If the LCD shows 50 means the present fluorescent lamp frequency is setting for 60Hz. Press the Shutter Button within 5 seconds to change the frequency to 50Hz. The LCD display will jump back to show the resolution status and the rest photos you may take. If the LCD shows 60 means the present fluorescent lamp frequency is 50Hz. Press the Shutter Button within 5 seconds to change the frequency to 60 Hz.

Note: Normally, there is 60Hz fluorescent lamp frequency used in United States, Asia. And 50Hz used in Japan and Europe. If there is a wrong selection of frequency, the photo or video shoot will have line bending.

Photo Compression Selection

There are “Hd” or “Ld” compression ratio selection for photos stored in the memory. Press the Selection button to select ”Hd“ or “ Ld” shown on the LCD display. When you move the icon from the LCD display, there is a big character shown Hd or Ld on the LCD display. If the LCD shows Hd means the present compression is Ld. Press the Shutter button within 5 seconds to change to Hd. The LCD display will jump back to show the the resolution status and the rest photos you may take. You will see the rest of photos will change if you make the selection. If the LCD show Ld means the present compression is Hd. Press the Shutter Button within 5 seconds to change to Ld.

Photo Storage

The photo can be taken will vary referring to the resolution and compression ratio. The LCD display will always show the status of resolution and the rest of photo you may take unless the Select Button be pressed. The highest storage of photos will be

19 photos --- “Hi” resolution + “Ld” compression
38 photos --- “Hi” resolution + “Hd” compression
76 photos --- “Lo” resolution + “Ld” compression

152 photos --- “Lo” resolution + “Hd” compression

Press the Shutter Button to take one photo and the rest of photo show on the LCD display will reduce by one.

Note: The photos can be taken by the camera will very upon the selection of resolution and compression. When the mode of resolution and compression be changed, the rest of photos will change. Please refer to the LCD display to find out how many photos you may take.

Specifications

Product Type: Digital Camera

Electronic Coupling Element: CMOS Sensor 100 K Pixels

Image Resolution: 352*288 Pixels (CIF) 176*144 Pixels (QCIF)

Lens: f=6.3mm F2.8 (52°)

Memory Device: Built-in 1*16MB (SDRAM)

Memory Capacity: 19 pieces (CIF)(Lo) 76 pieces (QCIF)(Lo)

38 pieces (CIF)(Hi) 152 pieces(QCIF)(Hi)

Viewfinder: Built-in

Shutter Speed: 1/6-1/15000 seconds

Shoot Mode: Single/ Continuous Photography/ Automatic Shoot/PC Camera

Automatic Energy Saving: automatically enter the energy saving mode in 30S

Image Process: Automatic Exposure / Automatic White Balance

Working Voltage: AAA 1.5*2/USB 5V

Transmission Interface: USB Interface Revision 1.1

Working Temperature: 0-40℃

Operation System: Windows98Edition II/2000/Me/XP

Sakar One Year Warranty

This warranty covers for the original consumer purchaser only and is not transferable. Products that fail to function properly **UNDER NORMAL USAGE**, due to defects in material or workmanship. Your product will be repaired or (at our discretion) replaced at no charge (excluding shipping, handling and insurance charges).

What Is Not Covered by Warranty?

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but not limited to, repair by unauthorized parties, tampering, modification or accident.

What To Do When Service Required

When returning your defective product (postage pre-paid) for service, your package should include:

1. Copy of the **original** bill of sale.
2. A detailed written description of the problem.
3. Your return address and telephone number. (Daytime)
4. A check or money order for USD \$7.95 payable to Sakar International to cover shipping, handling and insurance. (Other fees may apply for shipments outside the US, please email, write or call for exact shipping charges.)

MAIL TO ADDRESS BELOW:

Customer Service / Sakar International

Attention: Service Department

195 Carter Drive

Edison, NJ 08817

Technical Support

For technical support issues please visit our website at

www.sakarhelp.com

Or call 877-397-8200 to speak to a live technical support representative from 9-5 EST. For question on warranty information, updated drivers, missing parts please email questions to **cservice@sakar.com**.

For after hours technical support please either call 800-828-4358 to talk to a PC Crisis Line technician. Please note PC Crisis line charges USD \$3 per minute for time spent on your problem. This will be charged to your credit card. You are only charged for questions that they answer. They don't charge if they can't answer your question, or for time spent collecting your name, address, and credit information. For calls more than 10 minutes, rates are reduced to \$1 per minute.